NATIONAL RESEARCH SERVICE AWARD Issue Date: 05/26/2003

Department of Health and Human Services

National Institutes of Health

NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES

Grant Number: 2 T32 GM008704-06

Principal Investigator: SPECK, NANCY A PHD

Project Title: Molecular and Cellular Biology at Dartmouth

NANCY J WRAY
SR. ASSOC. DIR.
OFFICE OF GRANTS & CONTRACTS
DARTMOUTH COLLEGE
11 ROPE FERRY RD #6210
HANOVER, NH 03755-1404
UNITED STATES

Award e-mailed to: sponsored.projects@Dartmouth.Edu

Budget Period: 07/01/2003 - 06/30/2004 Project Period: 07/01/1998 - 06/30/2008

Dear Business Official:

The National Institutes of Health hereby awards a grant in the amount of \$337,095(see ''Award Calculation'' in Section I) to DARTMOUTH COLLEGE in support of the above referenced project. This award is pursuant to the authority of 42 USC 288 42 CFR 66 and is subject to terms and conditions referenced below.

Acceptance of this award including the Terms and Conditions is acknowledged by the grantee when funds are drawn down or otherwise obtained from the grant payment system.

Award recipients are responsible for reporting inventions derived or reduced to practice in the performance of work under this grant. Rights to inventions vest with the grantee organization provided certain requirements are met and there is acknowledgement of NIH support. In addition, recipients must ensure that patent and license activities are consistent with their responsibility to make unique research resources developed under this award available to the scientific community, in accordance with NIH policy. For additional information, please visit http://www.iedison.gov.

If you have any questions about this award, please contact the individual(s) referenced in the information below.

Sincerely yours,

Grace Olascoaga
Grants Management Officer

NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES

See additional information below

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SECTION I - AWARD DATA - 2 T32 GM008704-06

AWARD CALCULATION (U.S. Dollars):

Training Expenses	\$15,400
Stipends	\$139,776
Trainee Tuition/Fees	\$167,237
Trainee Travel	\$2,100
Federal Direct Costs	\$324,513
Federal F&A Costs	\$12,582
APPROVED BUDGET	\$337,095
TOTAL FEDERAL AWARD AMOUNT	\$337,095

Recommended future year total cost support, subject to the availability of funds and satisfactory progress of the project, is as follows.

Yr Tot Cost/Stipend/#Trainees

07 \$385,252/\$159,744/8 PRE 0 POST 0 SHORT TERM 08 \$385,252/\$159,744/8 PRE 0 POST 0 SHORT TERM 09 \$385,252/\$159,744/8 PRE 0 POST 0 SHORT TERM 10 \$385,252/\$159,744/8 PRE 0 POST 0 SHORT TERM

FISCAL INFORMATION:

CFDA 93.821

Number:

EIN: 1020222111A3

Document Number: TGM008704B

IC/ CAN / FY2003 / FY2004 / FY2005 / FY2006 / FY2007 GM/8423745/ 337,095/ 385,252/ 385,252/ 385,252/ 385,252

NIH ADMINISTRATIVE DATA:

PCC: C7CMMZ / OC: 41.2M /Processed: OLASCOAGAG 030521 0210

FTTP: 7 PRE 0 POST 0 SHORT TERM

7 PRE 0 POST 0 SHORT TERM

SECTION II - PAYMENT/HOTLINE INFORMATION - 2 T32 GM008704-06

For Payment and HHS Office of Inspector General Hotline Information, see the NIH Home Page at

http://grants.nih.gov/grants/policy/awardconditions.htm

SECTION III - TERMS AND CONDITIONS - 2 T32 GM008704-06

This award is based on the application submitted to, and as approved by, the NIH on the above-titled project and is subject to the terms and conditions incorporated either directly or by reference in the following:

- a. The grant program legislation and program regulation cited in this Notice of Grant Award.
- b. The restrictions on the expenditure of federal funds in appropriations acts, to the extent those restrictions are pertinent to the award.
- c. 45 CFR Part 74 or 45 CFR Part 92 as applicable.
- \Box d. The NIH Grants Policy Statement, including addenda in effect as of the beginning date of the budget period.
- e. This award notice, INCLUDING THE TERMS AND CONDITIONS CITED BELOW.

(see NIH Home Page at

http://grants.nih.gov/grants/policy/awardconditions.htm for certain references cited above.)

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This grant is awarded under the terms and conditions of the Federal Demonstration Partnership Phase IV.

Carry over of an unobligated balance into the next budget period requires Grants Management Officer prior approval.

Treatment of Program Income: Additional Costs

SECTION IV-NIGMS SPECIFIC TERMS AND CONDITIONS-2 T32 GM008704-06/C7CMMZ

The Statement of Appointment form (PHS 2271), must be submitted for each trainee prior to or at the time of appointment. No stipend or other allowance may be paid until their submission. Failure to submit these forms within 30 days of the start of the appointment may result in an expenditure disallowance or a delay in any continuation of funding.

Note: The revised Statement of Appointment form (2271, Rev.5/01) must be used for all appointments initiated on or after June 1, 2002. The revised instructions and form are available at http://grants.nih.gov/grants/forms.htm#training. Please return completed forms to:

Grants and Council Operations NIH/NIGMS 45 Center Drive, MSC 6200 Building 45, Room 2AS.55 Bethesda, MD 20892-6200

It is understood that no trainee will be permitted to work on any project involving live vertebrate animals or human subjects that has not been approved by the IACUC and/or IRB, as appropriate.

If any trainee undertakes a project that includes human subject research studies, these must conform to the NIH policies on the inclusion of women, minorities, and children in study populations. Details of such

studies, including a description of the population and the rationale for inclusion/exclusion of women, minorities and children, must be provided to the NIH program administrator of this grant before any trainee undertakes such studies.

Funds are provided in this award to support new stipend levels.

The Tuition and Fees category has been calculated using the following per trainee formula: 100% of all costs up to \$3,000 + 60% of costs above \$3,000. Actual reimbursement is not limited to this formula.

Although future years include a recommended number of trainee positions, actual award levels are contingent upon availability of funds.

In accordance with our March 11, 2003 letter, information regarding the program's minority recruitment plan and its implementation must be included in each non-competing continuation application. New efforts and results should be reported.

SECTION V-NIGMS CONTACTS

The Grants Management Specialist is responsible for the negotiation, award and administration of this project and for interpretation of Grants Administration policies and provisions. The Program Official is responsible for the scientific, programmatic and technical aspects of this project. These individuals work together in overall project administration. Prior approval requests (countersigned by the PI & authorized business official) should be submitted in writing to the Grants Management Specialist. Requests may be made via e-mail provided they are routed through these same officials.

Grant Specialist: Nicole Fleisher, Phone: (301) 594-3923, Fax: (301) $\ \Box$

480-2554, E-mail: fleishen@nigms.nih.gov

The NIGMS WWW home page is at http://www.nigms.nih.gov

Marion M. Zatz, Program Official

Phone: (301) 594-0943 Email: zatzm@nigms.nih.gov Fax: (301) 480-2228

E. C. Melvin, Grants Specialist

Phone: (301) 594-3912 Email: melvine@niqms.nih.gov Fax: (301) 480-2554

SPREADSHEET

GRANT NUMBER: 2 T32 GM008704-06

P.I.: SPECK, NANCY A

INSTITUTION: DARTMOUTH COLLEGE

	YEAR 06	YEAR 07	YEAR 08	YEAR 09	YEAR 10
	=======	========	=======	========	=======
Training Expenses	15,400	17,600	17,600	17,600	17,600
Stipends	139,776	159,744	159,744	159,744	159,744
Trainee Tuition/Fees	167,237	191,128	191,128	191,128	191,128
Trainee Travel	2,100	2,400	2,400	2,400	2,400

TOTAL FEDERAL DC	324,513	370,872	370,872	370,872	370,872
TOTAL FEDERAL F&	12,582	14,380	14,380	14,380	14,380
TOTAL COST	337,095	385,252	385,252	385,252	385,252
	YEAR 06	YEAR 07	YEAR 08	YEAR 09	YEAR 10
F&A Cost Rate 1	=======				
F&A Cost Base 1	8.00%	8.00%	8.00%	8.00%	8.00%
	157,276	179,744	179,744	179,744	179,744
F&A Costs 1					
	12,582	14,380	14,380	14,380	14,380